

[received by the International Bureau on June 15, 2004;  
claims 1-4 replaced by the claims 1-5 (2 pages)

5 Claims

1. A building door (1), that can move, made up of several panels (5) guided along at least one curvilinear guide rail (4) in such a way that these 10 panels remain at least approximately parallel to the rail and articulated to one another about axes of pivoting (10) parallel to their longitudinal edges by virtue of pivot elements (9), the panels (5) being equipped at their longitudinal edges with complementary 15 male and female anti-trapping profiles, characterized in that the axes (10) of pivoting of the pivot elements (9) are at least approximately coplanar with the interior walls (6) of the panels (5) which they articulate, and in that the pivot elements (9) are 20 connected to the transverse edges of the panels (5).

2. The door (1) as claimed in claim 1, characterized in that guide devices (12, 18, 19) intended to collaborate with the curvilinear guide rail or rails 25 (4) are in a pivot connection with the pivot elements in such a way that, in the rectilinear portions of the rails, the rails (5) are at least approximately located within the thickness of the panels.

30 3. The door (1) as claimed in one of the preceding claims, characterized in that the pivot elements (9) comprise a first part (9a) known as the male part secured to a transverse edge first panel (5), exhibiting a shaft (15) the axis of which defines the 35 axis of pivoting (10) and a second part (9b) known as a female part, secured to the transverse edge of a second panel (5) exhibiting a drilling (16) that takes the shaft (15).

4. The door (1) as claimed in one of the preceding  
claims, characterized in that the male (9a) and female  
5 parts connected to one and the same panel edge  
form a single piece.

5. The door (1) as claimed in one of the preceding  
claims, characterized in that the transverse edges of  
10 the panels consist of U-section (14).

Ad. 19